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SEQUENCE LISTING

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<120> RECEPTORS

<130> 18/MG

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<141> 2003-10-03

<150> GB0223399.7  
<151> 2002-10-09

<150> GB0302604.4  
<151> 2002-02-05

<150> GB0304064.9  
<151> 2002-02-22

<150> US60/475784  
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Met Asp Phe Lys  
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Met Arg Ser Met  
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&lt;213&gt; Homo sapiens

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Ser Ser Asp Lys  
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&lt;210&gt; 5

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&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 5

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Val Cys Leu Phe  
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&lt;210&gt; 6

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&lt;213&gt; Homo sapiens

&lt;400&gt; 6

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Lys Glu Gln Pro  
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&lt;210&gt; 7

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&lt;212&gt; PRT

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Gln Pro Ala Leu  
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Ser His Thr Gln  
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&lt;213&gt; Mus musculus

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Pro Tyr Ile Gln Asn Pro Glu Pro Ala Val Tyr Gln Leu Lys Asp Pro  
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Arg Ser Gln Asp Ser Thr Leu Cys Leu Phe Thr Asp Phe Asp Ser Gln  
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Ile Asn Val Pro Lys Thr Met Glu Ser Gly Thr Phe Ile Thr Asp Lys  
 35 40 45

Thr Val Leu Asp Met Lys Ala Met Asp Ser Lys Ser Asn Gly Ala Ile  
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Ala Trp Ser Asn Gln Thr Ser Phe Thr Cys Gln Asp Ile Phe Lys Glu  
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Thr Asn Ala Thr Tyr Pro Ser Ser Asp Val Pro  
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&lt;210&gt; 12

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&lt;212&gt; PRT

&lt;213&gt; Mus musculus

&lt;400&gt; 12

Glu Asp Leu Arg Asn Val Thr Pro Pro Lys Val Ser Leu Phe Glu Pro  
 1 5 10 15

Ser Lys Ala Glu Ile Ala Asn Lys Gln Lys Ala Thr Leu Val Cys Leu  
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20

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25 30Ala Arg Gly Phe Phe Pro Asp His Val Glu Leu Ser Trp Trp Val Asn  
35 40 45Gly Arg Glu Val His Ser Gly Val Ser Thr Asp Pro Gln Ala Tyr Lys  
50 55 60Glu Ser Asn Tyr Ser Tyr Cys Leu Ser Ser Arg Leu Arg Val Ser Ala  
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85 90 95His Gly Leu Ser Glu Glu Asp Lys Trp Pro Glu Gly Ser Pro Lys Pro  
100 105 110Val Thr Gln Asn Ile Ser Ala Glu Ala Trp Gly Arg Ala Asp  
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&lt;210&gt; 13

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Mus musculus

&lt;400&gt; 13

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&lt;210&gt; 14

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&lt;212&gt; PRT

&lt;213&gt; Mus musculus

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Lys Glu Ser Asn  
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Ala Thr Phe Trp  
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<213> Mus musculus

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Lys Gln Lys Ala  
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<213> Mus musculus

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Ser Asn Tyr Ser  
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<223> Primer

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Gly Gly Pro  
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<212> PRT

<213> Homo sapiens

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 20 25 30

Ser Phe Phe Trp Tyr Arg Gln Tyr Ser Gly Lys Ser Pro Glu Leu Ile  
 35 40 45

Met Ser Ile Tyr Ser Asn Gly Asp Lys Glu Asp Gly Arg Phe Thr Ala  
 50 55 60

Gln Leu Asn Lys Ala Ser Gln Tyr Val Ser Leu Leu Ile Arg Asp Ser  
 65 70 75 80

Gln Pro Ser Asp Ser Ala Thr Tyr Leu Cys Ala Val Thr Thr Asp Ser  
 85 90 95

Trp Gly Lys Leu Gln Phe Gly Ala Gly Thr Gln Val Val Val Thr Pro  
 100 105 110

Asp Ile Gln Asn Pro Asp Pro Ala Val Tyr Gln Leu Arg Asp Ser Lys  
 115 120 125

Ser Ser Asp Lys Ser Val Cys Leu Phe Thr Asp Phe Asp Ser Gln Thr  
 130 135 140

Asn Val Ser Gln Ser Lys Asp Ser Asp Val Tyr Ile Thr Asp Lys Cys  
 145 150 155 160

Val Leu Asp Met Arg Ser Met Asp Phe Lys Ser Asn Ser Ala Val Ala  
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Trp Ser Asn Lys Ser Asp Phe Ala Cys Ala Asn Ala Phe Asn Asn Ser  
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<212> PRT

<213> Homo sapiens

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Met Asn Ala Gly Val Thr Gln Thr Pro Lys Phe Gln Val Leu Lys Thr  
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Gly Gln Ser Met Thr Leu Gln Cys Ala Gln Asp Met Asn His Glu Tyr  
 20 25 30

Met Ser Trp Tyr Arg Gln Asp Pro Gly Met Gly Leu Arg Leu Ile His  
 35 40 45

Tyr Ser Val Gly Ala Gly Ile Thr Asp Gln Gly Glu Val Pro Asn Gly  
 50 55 60

Tyr Asn Val Ser Arg Ser Thr Thr Glu Asp Phe Pro Leu Arg Leu Leu  
 65 70 75 80

Ser Ala Ala Pro Ser Gln Thr Ser Val Tyr Phe Cys Ala Ser Arg Pro  
 85 90 95

Gly Leu Ala Gly Gly Arg Pro Glu Gln Tyr Phe Gly Pro Gly Thr Arg  
 100 105 110

Leu Thr Val Thr Glu Asp Leu Lys Asn Val Phe Pro Pro Glu Val Ala  
 115 120 125

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Val Phe Glu Pro Ser Glu Ala Glu Ile Ser His Thr Gln Lys Ala Thr  
130 135 140

Leu Val Cys Leu Ala Thr Gly Phe Tyr Pro Asp His Val Glu Leu Ser  
145 150 155 160

Trp Trp Val Asn Gly Lys Glu Val His Ser Gly Val Cys Thr Asp Pro  
165 170 175

Gln Pro Leu Lys Glu Gln Pro Ala Leu Asn Asp Ser Arg Tyr Ala Leu  
180 185 190

Ser Ser Arg Leu Arg Val Ser Ala Thr Phe Trp Gln Asp Pro Arg Asn  
195 200 205

His Phe Arg Cys Gln Val Gln Phe Tyr Gly Leu Ser Glu Asn Asp Glu  
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Trp Thr Gln Asp Arg Ala Lys Pro Val Thr Gln Ile Val Ser Ala Glu  
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Ala Trp Gly Arg Ala Asp  
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<223> DNA encoding scTCR linker

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<213> Artificial sequence



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&lt;223&gt; sc DiS TCR

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&lt;210&gt; 41

&lt;211&gt; 481

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; sc DiS TCR

&lt;400&gt; 41

Met Gln Lys Glu Val Glu Gln Asn Ser Gly Pro Leu Ser Val Pro Glu  
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Gly Ala Ile Ala Ser Leu Asn Cys Thr Tyr Ser Asp Arg Gly Ser Gln  
 20 25 30

Ser Phe Phe Trp Tyr Arg Gln Tyr Ser Gly Lys Ser Pro Glu Leu Ile  
 35 40 45

Met Ser Ile Tyr Ser Asn Gly Asp Lys Glu Asp Gly Arg Phe Thr Ala  
 50 55 60

Gln Leu Asn Lys Ala Ser Gln Tyr Val Ser Leu Leu Ile Arg Asp Ser  
 65 70 75 80

Gln Pro Ser Asp Ser Ala Thr Tyr Leu Cys Ala Val Thr Thr Asp Ser  
 85 90 95

Trp Gly Lys Leu Gln Phe Gly Ala Gly Thr Gln Val Val Val Thr Pro  
 100 105 110

Asp Ile Gln Asn Pro Asp Pro Ala Val Tyr Gln Leu Arg Asp Ser Lys  
 115 120 125

Ser Ser Asp Lys Ser Val Cys Leu Phe Thr Asp Phe Asp Ser Gln Thr  
 130 135 140

Asn Val Ser Gln Ser Lys Asp Ser Asp Val Tyr Ile Thr Asp Lys Cys  
 145 150 155 160

Val Leu Asp Met Arg Ser Met Asp Phe Lys Ser Asn Ser Ala Val Ala  
 165 170 175

Trp Ser Asn Lys Ser Asp Phe Ala Cys Ala Asn Ala Phe Asn Asn Ser  
 180 185 190

Ile Ile Pro Glu Asp Thr Phe Phe Pro Ser Pro Glu Ser Ser Pro Gly  
 195 200 205

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly  
 210 215 220

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Pro Asn Ala Gly Val  
 225 230 235 240

Thr Gln Thr Pro Lys Phe Gln Val Leu Lys Thr Gly Gln Ser Met Thr  
 245 250 255

Leu Gln Cys Ala Gln Asp Met Asn His Glu Tyr Met Ser Trp Tyr Arg  
 260 265 270

Gln Asp Pro Gly Met Gly Leu Arg Leu Ile His Tyr Ser Val Gly Ala  
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Gly Ile Thr Asp Gln Gly Glu Val Pro Asn Gly Tyr Asn Val Ser Arg  
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Ser Thr Thr Glu Asp Phe Pro Leu Arg Leu Leu Ser Ala Ala Pro Ser  
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Gln Thr Ser Val Tyr Phe Cys Ala Ser Arg Pro Gly Leu Ala Gly Gly  
 325 330 335

Arg Pro Glu Gln Tyr Phe Gly Pro Gly Thr Arg Leu Thr Val Thr Glu  
 340 345 350

Asp Leu Lys Asn Val Phe Pro Pro Glu Val Ala Val Phe Glu Pro Ser  
 355 360 365

Glu Ala Glu Ile Ser His Thr Gln Lys Ala Thr Leu Val Cys Leu Ala  
 370 375 380

Thr Gly Phe Tyr Pro Asp His Val Glu Leu Ser Trp Trp Val Asn Gly  
 385 390 395 400

Lys Glu Val His Ser Gly Val Cys Thr Asp Pro Gln Pro Leu Lys Glu  
 405 410 415

Gln Pro Ala Leu Asn Asp Ser Arg Tyr Ala Leu Ser Ser Arg Leu Arg  
 420 425 430

Val Ser Ala Thr Phe Trp Gln Asp Pro Arg Asn His Phe Arg Cys Gln  
 435 440 445

Val Gln Phe Tyr Gly Leu Ser Glu Asn Asp Glu Trp Thr Gln Asp Arg  
 450 455 460

Ala Lys Pro Val Thr Gln Ile Val Ser Ala Glu Ala Trp Gly Arg Ala  
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Asp

470

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475

480